

**Thrombin Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11236****Specification**

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**Thrombin Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P00734</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	70037

**Thrombin Antibody - Additional Information****Gene ID 2147**

Positive Control	Western Blot: rat kidney lysate
Application & Usage	Western blot: 1-4 µg
<b>Other Names</b>	
Activated Factor IIa	

**Target/Specificity**  
Thrombin**Antibody Form**  
Liquid**Appearance**  
Colorless liquid**Formulation**  
100 µg (0.5 mg/ml) of antibody in PBS pH 7.2, 0.01 % BSA, 0.03 % ProClin®, and 50 % glycerol.**Handling**  
The antibody solution should be gently mixed before use.**Reconstitution & Storage**  
-20 °C**Background Descriptions****Precautions**  
Thrombin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Thrombin Antibody - Protein Information**

**Name F2****Function**

Thrombin, which cleaves bonds after Arg and Lys, converts fibrinogen to fibrin and activates factors V, VII, VIII, XIII, and, in complex with thrombomodulin, protein C. Functions in blood homeostasis, inflammation and wound healing.

**Cellular Location**

Secreted, extracellular space.

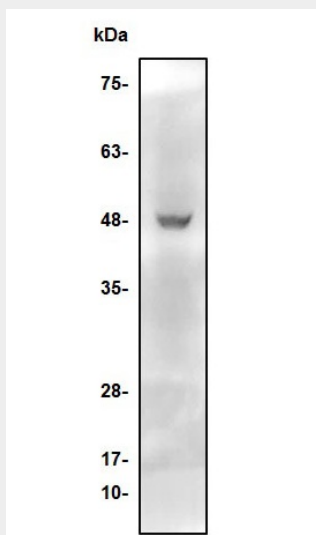
**Tissue Location**

Expressed by the liver and secreted in plasma.

**Thrombin Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Thrombin Antibody - Images**

Western blot with Thrombin antibody: 60 µg Rat kidney lysate

**Thrombin Antibody - Background**

Thrombin enzyme (Activated Factor IIa) is an important clotting promoter that controls the transformation of soluble fibrinogen to insoluble active fibrin strands. Thrombin is a coagulation protein and a serine protease (EC 3.4.21.5) that catalyzes many coagulation-related reactions. Thrombin triggers factor-XI, factor-V, Factor-XIII and factor-VIII. Thrombin endorses platelet

activation, using activation of protease-activated receptors on the platelet. Thrombin maintains vascular integrity during development and postnatal life and coordinates connective tissue proteins by stimulating fibroblast procollagen production.